

General Formula (III):

$R^1\text{-Li}$ or $R^2\text{-Li}$

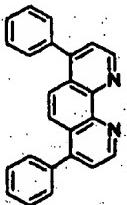
wherein R^1 and R^2 may be the same or different and independently represent a hydrocarbon group provided that at least one of R^1 and R^2 -has at least two carbon atoms, or

General Formula (V):

$Ar^1\text{-Li}$ or $Ar^2\text{-Li}$

wherein Ar^1 and Ar^2 may be the same or different and independently represent an aryl group, and bathophenanthroline of the following structural formula (IV)

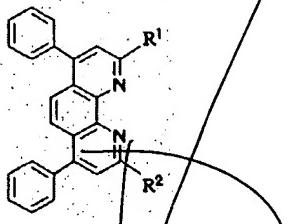
Structural Formula (IV):



to nucleophilic substitution reaction to obtain a bathophenanthroline compound of the afore-indicated formula (I) or (II). The hydrocarbon group may be linear, branched or cyclic, saturated or unsaturated, or substituted or unsubstituted. Further, the aryl group may also be substituted or unsubstituted.--

In the Claims

1. (Amended) A bathophenanthroline compound of formula (I):

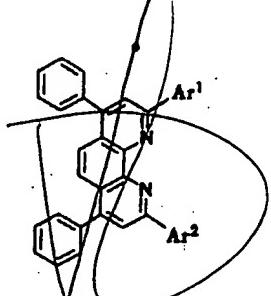


wherein R^1 and R^2 are non-nitrogen containing and are derived from $R^1\text{-Li}$ and $R^2\text{-Li}$ respectively, and may be the same or different and independently represent a hydrocarbon group provided that at least one of R^1 and R^2 has at least two carbons.

B4

3. (Amended) The organic electroluminescent device of Claim 2, wherein said organic layer comprises a carrier transport layer.

4. (Amended) An organic electroluminescent device comprising an organic layer having a luminescent region provided between an anode and a cathode, wherein said organic layer comprises a bathophenanthroline compound of formula (II):

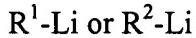


wherein Ar¹ and Ar² may be the same or different and independently represent an aryl group but do not form an interlocking macrocyclic compound.

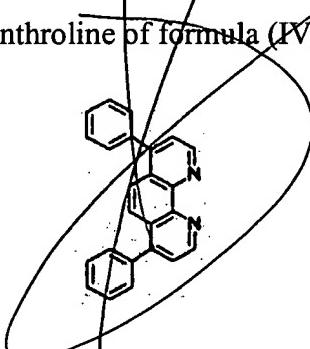
6. (Amended) The organic electroluminescent device of Claim 4, wherein said organic layer comprises a carrier transport layer.

B5

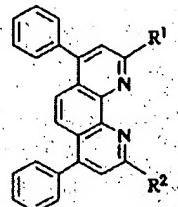
7. (Amended) A process for preparing a bathophenanthroline compound comprising subjecting a lithium compound of formula (III):



wherein R¹ and R² may be the same or different and independently represent a hydrocarbon group provided that at least one of R¹ and R² has at least two carbon atoms, and bathophenanthroline of formula (IV)

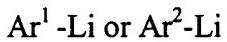


to nucleophilic substitution reaction to obtain a bathophenanthroline compound of formula (I):

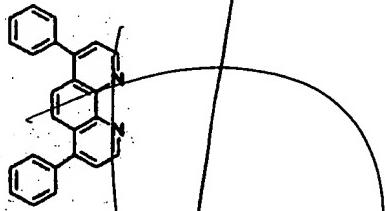


B6
8. (Amended) A process according to Claim 7, wherein a carbanion is generated from said lithium compound in a solution and reacted with said bathophenanthroline during said nucleophilic substitution reaction.

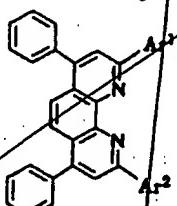
9. (Amended) A process for preparing a bathophenanthroline compound comprising subjecting a lithium compound of formula (V):



wherein Ar^1 and Ar^2 may be the same or different and independently represent an aryl group; and bathophenanthroline of formula (IV):



to nucleophilic substitution reaction to obtain a bathophenanthroline compound of formula (II):



B5 10. (Amended) A process according to Claim 9, wherein a carbanion is generated from said lithium compound in a solution and reacted with said bathophenanthroline during said nucleophilic substitution reaction.

Please cancel Claims 2 and 5 without prejudice or disclaimer.